

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update Progress Report #74 Page 1 of 10

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #74—December 8, 2008

Work Completed: November 20 - December 3, 2008

- Completed grading activities associated with the island area located between the East and West Channel of the Former Plainwell Dam. Activities included the removal of concrete filled gabion baskets (installed during the September flood), uniform grading of the island, and the removal of river run rock above the two year dam outflow elevation. In addition, disturbed areas were covered with six inches of topsoil.
- Continued post-construction activities in Removal Area 13B, including the completion
 of final grading and topsoil placement.
- Continued post-construction activities in Removal Area 13A, including final grading and topsoil placement.
- Continued removing soil and sediment from Removal Area 13A.
- Continued removing sediment from the Phase 2 Cofferdam Area.
- · Continued solidifying soil and sediment at Staging Areas 4N.
- Continued loading and transporting solidified soil/sediment material from Staging Area
 4N to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continued decommissioning the WCS, including the steel sheeting removal activities and the complete removal of the remaining catwalk, cross bracing, and steel H-Piles.
- Began removing the temporary access structure that connects Removal Area 13A to the island area between the East and West Channel of the Former Plainwell Dam.
- Due to the Thanksgiving Holiday, all site activities were suspended November 27 through November 30.

Estimated V	Veekly Volume Ha	uled to TSCA and	Non-TSCA Land	fill Facilities
Date	Date Estimated Quantity TSCA-material (cubic yards) Numb Truck I TSCA-m		Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	875	0	2,590	74
2008 Total	16,065	459	63,840	1,824
Project Total to Date	19,075	545	99,855	2,853

Note: All values are unofficial, estimated quantities, subject to revision/verification.



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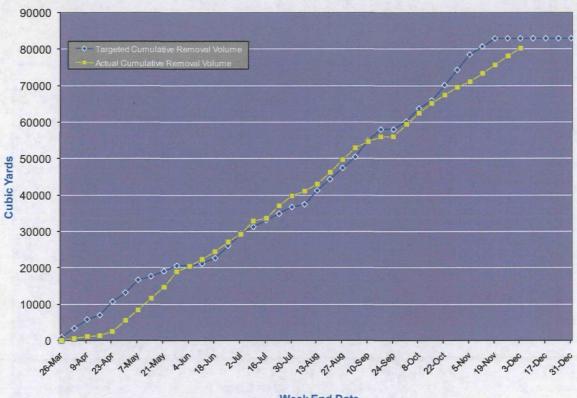
Work Planned: December 4 - December 10, 2008

- Continue excavating soil and sediment from Removal Area 13A.
- Continue excavating soil and sediment from behind the Phase 2 Cofferdam.
- Continue the removal of the temporary access structure that connected Removal Area 13A to the island area located between the East and West Channel of the Former Plainwell Dam.
- Continue solidifying soil/sediment at Staging Area 4N.
- Continue loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue decommissioning the WCS, including removing remaining steel sheeting.



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Removal Progress



Week End Date

Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

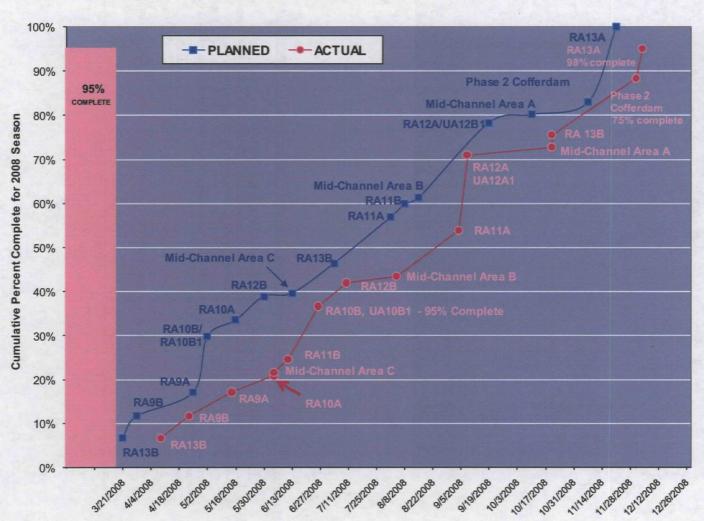
Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

In Plainwell Weekly Construction Reports published between July 14 and October 13, 2008 (Reports #55 through #67), this graph incorrectly depicted the cumulative removal volume. During that period, the incremental increase added each week reflected only additional TSCA material removed, rather than total volume removed to date. Beginning with Report #68 on October 20, 2008 this Removal Progress graph now correctly displays total cumulative volume removed in the 2008 construction season.



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Removal Progress



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.



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Health & Safety Update

6 Loss Prevention Observations (LPOs) were completed during this period.
 A total of 266 LPOs have been completed for the project to date.

Weather Summary

Hauling operations were suspended on December 1st due to snow-covered highways.

Environmental Monitoring and Construction Quality Assurance Testing
Resuspension/Turbidity Monitoring: Testing Performed this Week? No ☒ Yes ☐ Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:
Dewatering System Discharge Monitoring: Discharge Flow: 16,755 gallons (Staging Area 4N) Testing Performed this Week? No ☐ Yes ☐ Exceedances? N/A ☐ No ☐ Yes ☐ If yes, explain:
Excavation Verification Sampling: Testing Performed this Week? No Yes Cleanup Standard Achieved? N/A Yes No If no, explain:

Issues Encountered/Solutions Advanced

None



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Equipment on Site

Equipment	11/20/08	11/21/08	11/22/08	11/230/08	11/24/08	11/25/08	11/26/08
Komatsu PC-300 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	A	-		-	STORY AND	50138	
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	EX PENSO	-	- N	-			
Komatsu D65 Dozer		-	-		- 1	37.	
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	-	-	-	-	-	- 1	
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	- 50	-		-	Ph. 1-11		
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

Equipment	11/27/08	11/28/08	11/29/08	11/130/08	12/1/08	12/2/08	12/3/08
Komatsu PC-300 Excavator	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	2	2	2	2	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1 /	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-		1	1 -		- 10	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer		-	-	-	-	- 1	-
Komatsu D65 Dozer	-	100-	1-		-	Man- Si	-
Volvo P-180 Loader	1	1	1	1	1	1	, 1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1		-	
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	5-16	-	- 10	-	V 19-6 W	F3-127	
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	4 - 4	17.5%	100-	
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2



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Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	11/20/08	11/21/08	11/22/08	11/23/08	11/24/08	11/25/08	11/26/08
Terra Contracting Staff	20	18	6		18	18	18
Jim Saric/USEPA					Wante 4	X	
Michael Berkoff/USEPA							
Sam Borries/USEPA	X						
Mike Ribordy/USEPA OSC	X				N. E. STORE	X	X
Mick Hans/USEPA			THE TOTAL			X	39 %
Paul Bucholtz/MDEQ							1-1-6
Judith Gapp/MDEQ	A CONTRACTOR		ST MARKET		FE St. rate		
Todd Goeks/NOAA		The same of				A (A 15)	WP STATE
John Lerg/MDNR							
Sharon Hanshue/MDNR	Carried State					Ball Ball	
Chris Frieburger/MDNR	- In-				Sp sale		
Weston Contractors	X	X			X	X	X
CDM Contractors	at the same	1	THE SERVICE				100
Chase Fortenberry/KRSG							THE STATE OF THE S
Mark Brown/KRSG							NEW YORK
David Guier/KRSG	X						B) TEKN
Gary Griffin/KRSG	X					X	THE PARTY
Chuck Barnes/ARCADIS	DO THE REAL	a second		The second		di e cara	The State
Steve Garbaciak/ARCADIS				TO THE P		WALLEY.	
Anthony Esposito/ARCADIS	De la company	P. P. A.					
Mike Erickson/ARCADIS	X				N TO A	X	
Scott Harcus/ARCADIS							N. F.
Matt Bowman/ARCADIS	TO THE REAL PROPERTY.						
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X			X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS	X	X	X		X	X	X
Chad Van Coillie/ARCADIS					X		
Nick Harmer/ARCADIS	-W-96						N. P.
MDEQ Sample Team							
Other Subcontractors (Specify)							
King Co.	5	5			5	5	5
JF New						FIGURE T	The



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Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	11/27/08	11/28/08	11/29/08	11/30/08	12/1/08	12/2/08	12/3/08
Terra Contracting Staff		Saul Sel			15	15	15
Jim Saric/USEPA				Company and		Mark M	
Michael Berkoff/USEPA		A 19				and hard	
Sam Borries/USEPA				TA EAST	RAINE N		X
Mike Ribordy/USEPA OSC						Plant Will	X
Karl Gustavson/US ARMY ERDC		COLUMN TO SERVICE	AT THE		AR AL		8
Paul Bucholtz/MDEQ							
Judith Gapp/MDEQ	100			140.00	a Gerie		TWO THE
Todd Goeks/NOAA							18.0×.00
John Lerg/MDNR					1000	Section 1	
Sharon Hanshue/MDNR	K III A.A.	A REPORT OF	12500			Dan 11 00 6世	
Chris Frieburger/MDNR				1		PER PER	
Weston Contractors	197795				X	X	X
CDM Contractors	ann in all	Thins. 1		A PRINT WA	The Piles		X
Chase Fortenberry/KRSG	12 7 50					MELLER	
Mark Brown/KRSG				The seale			
David Guier/KRSG	Maria Se	STATE A	RAPES OF STREET	58/80	111111111111111111111111111111111111111	BUTTO HALF	
Gary Griffin/KRSG	Water all				PART N		X
Chuck Barnes/ARCADIS				9-83TH	The same		P. L.S
Steve Garbaciak/ARCADIS					- MOV-0	X	
Anthony Esposito/ARCADIS			TO DO NOT BE	THE STATE OF		CAT July	1900
Mike Erickson/ARCADIS		A APAI	7 St. 58		1102de		
Scott Harcus/ARCADIS	BP 707	BOOK TO	7 - 1 - 1 - 1 - 1	Maria.	SHALL SHIP		The Tarket
Matt Bowman/ARCADIS		HT-LIGHT	T 940 3, 4	Car Carrie	Den Arge		B. Triber
EJ Suardini/ARCADIS	OFF RE	a to the said			X	X	X
Mike Kohagen/ARCADIS		10 Th 10		ME SE	X	X	X
Michelle Rumler/ARCADIS	of the latest	The same			X	X	X
Joe Willoughby/ARCADIS					X	X	X
Chad Van Coillie/ARCADIS			- 16 0		ALK BUILD	X	X
Nick Harmer/ARCADIS	E GOLDE			ARLE INF	SILVE THE	X	X
MDEQ Sample Team				12/11/2	TO HE		
Other Subcontractors (Specify)							
King Co.					7	7	7
JF New		1 - 1/ 1/ 1		TO BE	BE WELL		

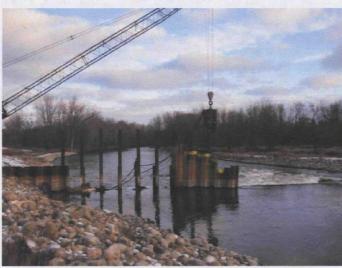


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Photos from November 20 - December 3, 2008



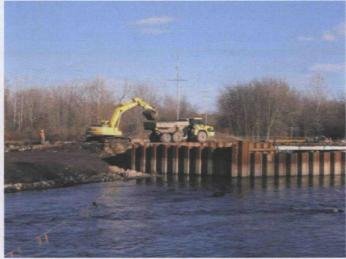
Installing topsoil on the island between the East and West Channel of the Former Plainwell Dam.



Decommissioning the Water Control Structure.



Installing topsoil in Removal Area 13A.

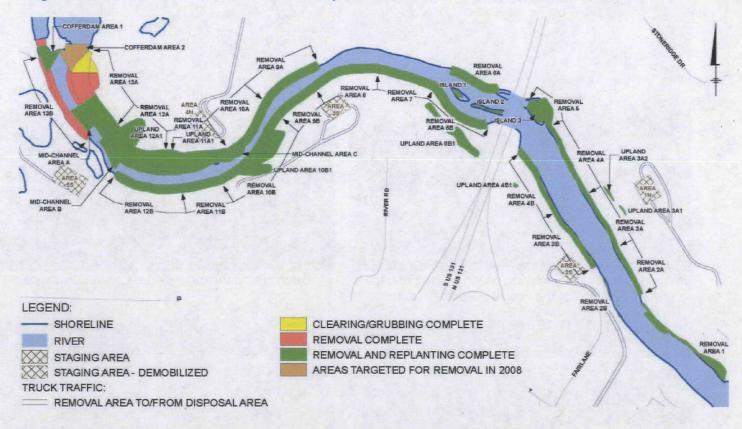


Excavating soil and sediment from the Phase 2
Cofferdam Area.



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Targeted Removal Areas - Former Plainwell Impoundment



Notes:

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.

